

Release notes for ENDF/B Development standards sublibrary

**ENDF**  
B-VII.dev

October 13, 2016

## FAILURE SUMMARY

**xsectplotter** ValueError('Illegal NSUB in file, NSUB=19'): std-001\_H\_001.endf, std-002\_He\_003.endf, std-003\_Li\_006.endf, std-005\_B\_010.endf, std-006\_C\_000.endf, std-079\_Au\_197.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

## ERROR SUMMARY

**checkr** A variable is outside the allowed ENDF range: std-001\_H\_001.endf, std-006\_C\_000.endf,

**checkr** Missing a section in directory so your directory is messed up. This error will break everything else: std-001\_H\_001.endf, std-006\_C\_000.endf,

**fizcon** Missing files (probably spectra for outgoing particles): std-001\_H\_001.endf, std-002\_He\_003.endf, std-006\_C\_000.endf,

**fudge-4.0** Calculated and tabulated Q values disagree.: std-002\_He\_003.endf,

## WARNING SUMMARY

**checkr** A previous error halted parsing of the current section: std-001\_H\_001.endf, std-006\_C\_000.endf,

**checkr** CHECKR does not realize that the standards library is a neutron data sublibrary.: std-001\_H\_001.endf, std-006\_C\_000.endf,

**checkr** The standards sublibrary is not meant for transport calculations and is not required to be complete.: std-001\_H\_001.endf, std-002\_He\_003.endf, std-003\_Li\_006.endf, std-005\_B\_010.endf, std-006\_C\_000.endf, std-079\_Au\_197.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

**checkr** The standards sublibrary uses NSUB=19, but this was never officially adopted by CSEWG for the ENDF format.: std-001\_H\_001.endf, std-002\_He\_003.endf, std-003\_Li\_006.endf, std-005\_B\_010.endf, std-006\_C\_000.endf, std-079\_Au\_197.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

**fizcon** The standards sublibrary is not meant for transport calculations and is not required to be complete.: std-003\_Li\_006.endf, std-005\_B\_010.endf, std-079\_Au\_197.endf, std-092\_U\_238.endf,

**fudge-4.0** Indicates a test was skipped due to missing information : std-001\_H\_001.endf, std-002\_He\_003.endf, std-003\_Li\_006.endf, std-005\_B\_010.endf, std-006\_C\_000.endf, std-079\_Au\_197.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

**fudge-4.0** The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.: std-006\_C\_000.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

**fudge-4.0** The standards sublibrary is not meant for transport calculations and is not required to be complete.: std-003\_Li\_006.endf, std-005\_B\_010.endf, std-079\_Au\_197.endf, std-092\_U\_235.endf, std-092\_U\_238.endf,

**psyche** The standards sublibrary is not meant for transport calculations and is not required to be complete.: std-001\_H\_001.endf, std-006\_C\_000.endf,